Original / Duplicate / Triplicate

CONTRACT CERTIFICATE

o. First & Fine (For Other Works) Date.....20.....

ivision : Dasarahalli Sub-Division: Bagalagunte

ill Received No.....Dated.....Cash Book Voucher No.....dated.....

cheduled Docket No

ame of Work (as per sanctioned estimate **Improvements to roads and drains at between 5th Main & 6th Main cross oads Manjunatha Nagara in Ward No 14**

ame of Contractor and Full Address : **KRIDL, Project Implementation Unit, No.280, 59th cross, 17th C main oad, 3rd Y Block, Rajajinagara, Bangalore-560010**

eference to Agreement No. **EE/DD/WO/ 76 /2017-18** 014-18-000051 **Date:20.11.2017**

Certified that the measurements were taken by me on ..1.10.18.....and recorded of pages.....225020-30

.....of measurement Book No.....2251/1819.....and that the work is satisfactorily executed. 225079-82

Contractor

EXECUTIVE ENGINEER-4
KRIDL, BBMP DIVISION
BENGALURU-560 010

Officer-in-charge of work

ertified that the measurements were taken by me on.....1/10/18.....and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account II have been actually brought to site of the ork and the contractor has not previously received any advance on this security. These materials are of an imperishable nature nd are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal greement signed and executed by the contractor is recorded in the office.

Sub-Division Officer

ಬಿ.ದಾಸರಹಳ್ಳಿ ಉಪ-ವಿಭಾಗ
ಬಾಗಲಗುಂಟೆ, ಜಿಬಿಎಂಪಿ
ಬೆಂಗಳೂರು

If Memorandum of Payment		
1)	Total value of work done or supplies made as per account	
2)	Deduct amount to be held in reserve being.....percent Rs.....	
3)	Deduct amount to be held in reserve being Balance	
4)	Deduct Payment :	
	a) Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.D No.....	
	Amount adjusted towards cash advance recovery of	
	b) Payments cost store or other materials supplied.	
	Now made recovery of amount creditable to this/other work	
	Amount paid on this bill Cheque/Cash	
5)	Balance being unpaid value of work done held in reserve	
6)	Deduct cash advance made on the office Cash Book Voucher No..... date .....less adjustments	
7)	Net amount due to or from contractor	
	Unadjusted items	
8)	Advance to contractor for materials brought to site (as detailed) within value of Government materials supplied	

1st and Final Bill → 499821=00

IT → 99934=00

LWC → 49967=00 (-)

FSD → 249836=00

LC → 58912=00 → 565550=00

SGST → 49967=00

CGST → 49967=00

CBF → 4997=00

Fine → 1970=00

Net → 443171=00

EXECUTIVE ENGINEER-4
KRIDL, BBMP DIVISION
BENGALURU-560 010

Contractor's Signature

Received Rs.....(in works)

.....

By Cash and by adjustment of Payment as per memorandum.

Witnesses :

1.

2.

(For use in the Office)

EXECUTIVE ENGINEER-4
KRIDL, BBMP DIVISION
BENGALURU-560 010

Dated.....

Paid by me by cheque No.....Dated.....

Cash Rs.....

Audited and admitted for Rs. 499821=00

Passed by Cheque for Rs. 443171=00

Signature of Contractor

(.....)

by adjustment Rs. 55550=00

Accounts Superintendent

Exe. Engineer
Executive Engineer
B.B.M.P. Dasarahalli Division

Initials of Officer Making Payment Dated .....

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Sl	Description of Item
1	Excavation for road, drains and similar works - KSRRB 300-1. Earthwork excavation by manual means in Ordinary soil involving an average horizontal throw upto meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications complete as per specifications. MORTH Chapter 3
2	Construction of embankment with approved material Gravel/Murrum with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement Table 300-2 complete as per specifications. (which includes cost of gravel / murrum, watering charges & compaction by vibratory roller) MORTH Specification
3	Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @180 kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @0.57cum machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications.
4	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth and string courses cost of all materials, labour complete as per specifications,
5	Design mix M20 with OPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregates @ 0.46cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008- i) Upto 5 m height.
6	Supplying, fitting and placing TMT bar Fe 500 reinforcement in sub-structure complete as per drawing and Technical Specifications complete as per specificationsMORTH Specification No.1600 & 2200
7	Supplying and fixing precast rainforced concee slab 10cm thick including cost of reinforcement as per design and drawing material cost, transportation, hire charges of machinery, machine cutting the vertical face to get plain even surface etc., complete with all leads and lift conveyance charges, labour charges inclusive of cost of all materials.
8	For Grading I material construction of granular sub-base by providing coarse graded crushed stone aggregates of Granite/ trap/basalt material spreading in uniform layers with motir grader on prepared surface mixing by a mix in place method with rotawater at OMC, and Compacting with vibratory roller to achieve the desired density, complete as per specifications.by mix in a Place method for course Graded Granular Sub Base Material as per 400-2 for grading I material
9	Providing, laying, spreading and compacting graded stone aggregates to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base / base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. Specification No. 406 with all leads and lifts etc., complete as per the direction of Engineer-in-charge of the work

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Previous Measurement			Present Measurement			Total Up
ty	Rate	Cost	Qty	Rate	Cost	Qty
–	–	–	932.16	86.92	81023.00	932.16
–	–	–	645.97	320.12	206788.00	645.97
–	–	–	56.52	5159.02	291588.00	56.52
–	–	–	1256	310.58	390088.00	1256
–	–	–	117.75	6965.26	820159.00	117.75
–	–	–	9.34	66482.14	620943.00	9.34
–	–	–	282.6	1698	479855.00	282.6
–	–	–	143.55	1518.98	218050.00	143.55
–	–	–	330.16	1768.08	583749.00	330.16

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10	Providing and applying primer coat with S.S. Bitumen emulsion on prepared surface of granular base such as WBM, WMM including clearing of road surface and spraying primer at the rate of 0.6 kg / sqm using mechanical means complete as per specifications, with all leads and lifts etc., complete as per the direction of Engineer-in-charge of the work.
11	Providing and applying tack coat on the prepared black topped surfaces at 5kg per 10 sqm, heating bitumen in boiler fitted with spray set (Excluding cleaning of road surface) including cost of all Materials, labour, HOM of machineries complete as per specifications
12	Providing and laying bituminous macadam on prepared surface with crushed coarse aggregates as per design mix formula for base / binding course including loading of aggregates with F.E. loader, hot mixing of stone aggregates and bitumen in hot mix plant 40 tonne capacity, transporting the mixed material in tipper to paver and laying mixed materials with paver finisher to the required level and grade, rolling by power roller to achieve the desired density, 50/75mm compacted thickness with 3.3% bitumen but excluding the cost of primer/tack coat with lead incl. cost of all materials, labour, HOM of machineries complete as per specifications with 80/100 grade bitumen using 40/60TPH capacity H.M.P with Mechanical paver Gr II (50/75mm) with 3.3% VG-30 Bitumen as per the directions of Engineer-in-charge of the work
13	Providing and laying bituminous concrete with hot mix plant using crushed aggregates of specified grading, premixed with bituminous binder and filter transporting the hot mix to work site laying with paver finisher to the required grade, level and alignment. rolling with smooth wheeled vibratory and tandem rollers to achieve the desired compaction as per MORTH Speicification clause no 500.9 complete in all respects complete as per specification no 509. using 40/60 TPH Capacity H.M.P With Mechanical paver Gr-II (30 mm to 45 mm) with 6% VG-30 Bitumen
14	Disposal of debris to the final place of disposal with all lead and lift and as directio by the engineer in charge of the work, lead 4 Km a) Basic rate for haulage materials as per item No. 17.4/KSRRB : M100-4.1 ..... Rs. 2.00 Tonne/Km Average earth of work 1.28 Tonne/Km for Rs. 2.00/Km c) Add loading and unloading

Certificate:

1. This is certify that the Contractor has completed the work satisfactory.
2. The Contractor has cleared the debris from the work spot.
3. The contractor has used his own vehicles for the conveying the debris.
4. There are no departmental issues for the above work.

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–	–	–	1435.5	27.56	39562.00	1435.5
–	–	–	1435.5	11.66	16738.00	1435.5
–	–	–	71.77	5129.34	368133.00	71.77
–	–	–	43.06	7083.98	305036.00	43.06
–	–	–	932.16	85.65	79838.00	932.16
					4501550.00	
		KRIDL charges 11%.			495171.00	
					4996721.00	

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಟಿ.ದಾಸರಹಳ್ಳಿ ಉಪ-ವಿಭಾಗ
ಬಾಗಲಗುಂಟೆ, ಬಿಬಿಎಂಪಿ
ಬೆಂಗಳೂರು

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